chance of keeping pace with the rapid strides made by its sister sciences.

If the effect on the reader of perusing this article has been to gain him over to the opinion of the necessity of introducing a more accurate register of the proceedings of an Experimental Squadron, my chief object will have been gained, for I shall then hope to see orders issued by the Authorities, enforcing a more exact mode of conducting and registering the results of an experiment of so expensive a nature as such a squadron must have been.

I am, &c.,

ALFRED RYDER.

Royal Naval College, October 18th, 1845.

NAUTICAL NOTICES.

VICTORIA ROCK *of nine feet on the Gravel Bank off the North Coast of Anglesea.*

[IN our last number we expressed our suspicions of the existence of a rock off the north coast of Anglesea, by the Queen Victoria steamer, having struck on something off that coast in her voyage from Dublin to Liverpool. Commander Robinson in H.M.S. *Shearwater* having been directed to search for it, has succeeded in finding it on the Gravel Bank, on which the least water previously known was 3½ fathoms. The following is an extract from this officer's report to the Hydrographer to the Admiralty.]

"I have the honour to inform you that I yesterday went in search of the rock on which the Queen Victoria steamer struck; and found it to be a small rocky head *on* the Gravel Bank, on its north-east margin. We find only 9 feet on the shoalest part. I left a small barrel buoy on the spot, but it is desirable a large one should be placed without delay, or the rock blasted and levelled some feet, as it certainly is very much in the track of vessels. It is a very small head with 9 fathoms close to on the north-east side, and 4 and 5 fathoms to the south-west, the overfall of the bank is always perceptible, except at slack water. I have been enabled thus early (the *Shearwater* being in dock) to forward the result of my search through the kindness of Commander Fraser, Agent of the Packet Establishment, who placed at my disposal the Sprightly, Mail-packet for the purpose. I hope to be able to return to the Clyde by Saturday next.

"I have the honour, &c.,

"CHARLES G. ROBINSON.

"*To Captain Beaufort, R.N.*" "*Commander.*"

The following marks and bearings give the position of this rock:—

Cemaes Mill a quarter of a point open East of the Beacon bearing S.E. ¾ S. Kemlyn Mill touching east end of Kemlyn Farm bearing South. High-water of Henborth Point in one with Pencarn Beacon.

[We understand that a chequered black and white buoy has been promptly moored half a cable's length from this rock by the Trinity House.—ED. N.M.]

TEIGNMOUTH HARBOUR LIGHTHOUSE.—Notice is hereby given, that the Lighthouse, which has been for some time past in the course of erection, on the south-west end of a certain place, called the Den, at Teignmouth, in the county of Devon, and on the northern side of the entrance to the harbour of

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